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032604
U.S. PTO

Atty. Docket No.: 9409/2113C

PATENT

10/811192
22857 U.S.PTO

032604
10/811192

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Communi *et al.*
Serial No.: Not Yet Assigned
Filed: March 26, 2004
Entitled: P2Y4 RECEPTOR TRANSGENIC AND
KNOCKOUT NON-HUMAN MAMMALS

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EV242756621US on this date, March 26, 2004, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Barbara Gyure

Name of Person Mailing Paper

Barbara Gyure

Signature of Person Mailing Paper

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. New Patent Application Transmittal;
2. Patent Application, (23 pages);
3. Twelve (12) sheets of informal drawings of Figs 1-11;
4. Application Data Sheet; and
5. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge the requisite fee of \$385.00 and any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 9409/2113C. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: March 26, 2004

Barbara Gyure (34,614) for Kathleen Williams

Name: Kathleen Williams
Registration No.: 34,380
Customer No.: 29933
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100

NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 9409/2113C

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

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Barbara Gyure

Name of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed herewith is a new patent application of:

First Named Inventor (or application identifier): Communi, et al.

Title of Invention: P2Y4 RECEPTOR TRANSGENIC AND KNOCKOUT NON-HUMAN MAMMALS

Type: New
 Continuation of: _____
 Continuation-in-Part of: _____
 Divisional of: 10/753,695

which is hereby incorporated by reference in its entirety into the application filed herewith;

and includes the following papers:

1. Specification 23 pages (including specification, claims, abstract)/18 claims (3 independent)
2. Declaration/Power of Attorney is:
 Executed Unexecuted Executed copy from Parent Application
 NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. 12 Distinct sheets of Formal Informal Drawings
4. Application Data Sheet
5. Preliminary Amendment.
6. Information Disclosure Statement
 Form 1449 A copy of each cited prior art reference (as necessary)
7. Assignment with Recordation Cover Sheet.
8. Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

| Country | Application Number | Date of Filing (day, month, year) |
|---------|--------------------|-----------------------------------|
| EP | EP 95870124.5 | November 21, 1995 |

9. Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

| Application Number | Date of Filing (day, month, year) |
|--------------------|-----------------------------------|
| PCT/BE96/00123 | November 21, 1996 |

10. Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

| Application Number | Date of Filing (day, month, year) |
|--------------------|-----------------------------------|
| | |

NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 9409/2113C

| | |
|------------|-------------------|
| 10/753,695 | January 8, 2004 |
| 09/077,173 | November 12, 1998 |

The above applications from which priority is claimed are hereby incorporated in their entirety into the application filed herewith.

- 11. Priority document(s).
- 12. Microfiche Computer Program (Appendix).
- 13. Nucleotide and/or Amino Acid Sequence Submission.
 - Computer Readable Copy.
 - Paper Copy (identical to computer copy).
 - Statement verifying identity of above copies.
- 14. Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
- 15. Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
- 16. Calculation of Fees:

| FEES FOR | TOTAL CLAIMS | EXCESS CLAIMS | FEE | AMOUNT DUE |
|--|------------------|---------------|----------|------------|
| Basic Filing Fee (37 C.F.R. § 1.16(a)) | | | | |
| Total Claims in Excess of 20 (37 C.F.R. § 1.16(c)) | 18 | 0 | \$18.00 | 0.00 |
| Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b)) | 3 | 0 | \$86.00 | 0.00 |
| Multiple Dependent Claims (37 C.F.R. § 1.16(d)) | NO | | \$290.00 | 0.00 |
| Subtotal - Filing Fee Due | | | | |
| Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28) | MULTIPLY BY 0.50 | | | |
| TOTAL FILING FEE DUE | \$385.00 | | | |
| Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h)) | 0 | \$40.00 | | |
| GRAND TOTAL DUE | \$385.00 | | | |

- 17. PAYMENT is:
 - included in the amount of \$385.00 by authorization for Commissioner to charge the filing fee total and any deficiencies in the fees to Deposit Account 16-0085, Ref. 9409/2113C.
 - not included, but deferred under 37 C.F.R. § 1.53(f).
- 18. All correspondence for the attached application should be directed to:

Kathleen Williams
Customer Number 29933
 111 Huntington Avenue
 Boston, MA 02199-7613

- 19. Other: _____

Respectfully submitted,

Date: Jan 26, 2004

By: Barbara A. Hynes (34,614) for Kathleen Williams
 Name: Kathleen Williams
 Registration No.: 34,380